WATERSHED MANAGEMENT AREA 5

ACTION NOW PROJECT LIST
(Not Prioritized-Listed in Order of Receipt)

1.Pesticide Application Data Collection

A submission by Rutgers Cooperative Extension to develop a form and conduct a survey on pesticide usage in Bergen County. The proposal is for a 3 year program estimated to cost a total of $234,300, of which 59% is allocated to WMA 5. The data collected would be used to manage pesticide use in Bergen County, which is the highest in New Jersey, and thus help to reduce non-point source water pollution.

2. Erosion Control on Van Saun Mill Brook

A proposal by the Bergen County Watershed Management Committee and the Bergen County Department of Parks for 319(h) grant funds to restore and stabilize a section of this brook within Van Saun Park. The eroded area, located just south of the entrance to the park from Forest Avenue, had been stabilized with concrete blocks, many of which have toppled into the stream. The project would remove the concrete blocks, and fill, regrade, and stabilize 150 feet of the stream banks, at an estimated cost of $100,000.

3. Non-Point Source Pollution Controls-Pascack Brook, Hillsdale, N.J.

A project proposed by Bergen SWAN in conjunction with United Water NJ, the Boroug h of Hillsdale and TRC Omni Environmental Corporation, to treat stormwater runoff from highly impervious areas adjacent to the Pascack Brook. The area involved is upstream of the Oradell Reservoir, which serves as a drinking water supply for Bergen and Hudson Counties. The project involves construction of a rain garden to intercept runoff from a bus storage/maintenance yard, and installation of a StormCeptor on an existing outfall to remove pollutants prior to discharge to the Brook.

4. Demonstration Project of Two Innovative BMPs-Closter, N.J.

This project, submitted by the Borough of Closter, United Water NJ and Princeton Hydro, LLC, involves the installation of two best management practices (BMP) technologies for the removal of phosphorus from stormwater runoff. The proposed location for the project in Closter, N.J. is directly upstream of the Oradell Reservoir, which historically has experienced algal blooms, that have

been attributed to phosphorus as the primary limiting nutrient. The technologies proposed are a Stormfilter Filtration System to remove total phosphorus and dissolved inorganic phosphorus compounds, and a StormCeptor to remove suspended solids which have adsorbed approximately 75% of the phosphorus in stormwater.

5. Restoration of Riparian Corridor Along the Hackensack River-River Edge, N.J.

The Borough of River Edge has proposed this project to restore approximately ½ mile of riparian corridor within the Borough's Kenneth B.George Park. The river's shoreline in this area has eroded, and this project involves the installation of a vegetative buffer to stabilize the river bank. It proposes using bioengineering materials, native grasses, shrubs and trees to prevent further erosion and sedimentation in the streambed. The project will aid in the absorption of stormwater runoff by the soil before it reaches the river, and thus help to reduce non-point source pollution of the Hackensack River.

6. Video Inspection of the Borough's Combined Sewer System-Fort Lee, N.J.

This project, proposed by the Borough of Fort Lee, involves an inspection of the Borough's combined sanitary/stormwater sewer system using video cameras. Previous inspections have indicated that the aging and failing infrastructure is a significant contributor of non-point source pollution in Fort Lee. The project will identify the most significant sources of this pollution, and allow the Borough to develop a systemwide priority list for replacement of the aging sewer network. This inspection is the first phase of an overall combined sewer separation project that the Borough plans to implement, to reduce overflows that pollute the Hudson River and Overpeck Creek.

7. Establish WMA 5 Signage at Major Watershed Entry Points

A proposal by Kevin Doell of the Education & Outreach Committee to install signs on major roads at the point where they enter WMA 5. This has been done in other watersheds to identify the watershed to the public. The signs would include the WMA 5 logo and would serve as a daily reminder that people live in this watershed.

8. WMA 5 Expo

The Education & Outreach Committee (EOC) originated the idea of holding a major Watershed Expo in the Spring of 2002. The Management Committee endorsed the concept, and tentative plans have been developed to hold the event at the FDU Rothman Center in Hackensack. The objectives of the expo will be to introduce the residents of WMA 5 to the concept of watershed-based education; to inform people of what they can do to protect the watershed; and to showcase the various players in the planning process and their unity of purpose. The EOC is interviewing potential expo management firms, and is exploring the possibility of combining the event with annual events on the Hackensack River sponsored by FDU and the NJ Meadowlands Commission.

9. Teaneck Creek Cultural Park

The Puffin Foundation, Ltd. has created the Teaneck Creek Conservancy, a non-profit organization dedicated to the creation and maintenance of a proposed 46 acre park in Teaneck for passive recreation. The park would be created on the site known as Section One of Bergen County's Overpeck Park. The park would secure and preserve vital open space and restore Teaneck Creek as part of the Overpeck Creek/Hackensack River estuary. The Conservancy envisions the construction of minimally invasive trails, boardwalks, wildlife observation areas, and wetland restoration through the reintroduction of native floral species. This project was submitted to NJDEP for 319(h) grant funds.